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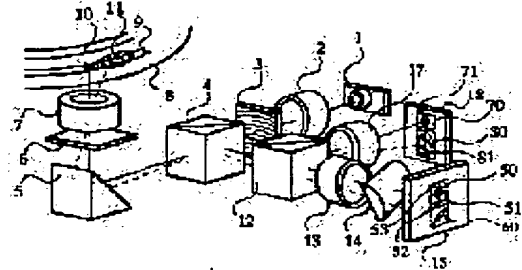
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(54) OPTICAL HEAD AND TRACKING ERROR SIGNAL DETECTING SYSTEM

(57) Abstract:

PROBLEM TO BE SOLVED: To always conduct a fine tracking control by suppressing the offset in the push-pull signals associated with the shift of an objective lens and the tilt of an optical disk.

SOLUTION: In addition to a main spot 10 which conducts the recording and the reproducing of information signals, a subspot 11, to which a prescribed defocus is given, irradiates a disk 8. Then, the light quality distribution of the disk reflected light beams of the subspot 11 is detected by a bisected photodetector and its difference signals (unbalanced signals) are subtracted from the push-pull signals of the spot 10.



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